|          | Index of Claims  |                     |                    |                 |                |          |          |          |                 |          |          |                          |           | Application/Control No. |              |                   |          |           |          |          |              |           |           | Applicant(s)/Patent under Reexamination |                  |            |           |                     |           |              |           |           |           |           |           |  |  |
|----------|--|---------------------|--------------------|-----------------|----------------|----------|----------|----------|-----------------|----------|----------|--------------------------|-----------|-------------------------|--------------|-------------------|----------|-----------|----------|----------|--------------|-----------|-----------|---|------------------|------------|-----------|---------------------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|--|--|
|          | A LEGAL MEM AND TO MAKE MAKE A MAKE MAKE MAKE MEMBALAN AND AND AND AND AND AND AND AND AND A                   |                     |                    |                 |                |          |          |          |                 |          |          |                          |           | 10/811,023              |              |                   |          |           |          |          |              |           |           |   | MATSUMOTO ET AL. |            |           |                     |           |              |           |           |           |           |           |  |  |
|          |  |                     |                    |                 |                |          |          |          |                 |          |          |                          |           |                         | E            | Examiner          |          |           |          |          |              |           |           |   |                  | Art Unit   |           |                     |           |              |           |           |           |           |           |  |  |
|          | I LEBERT TITTA ERETE FETTE FREE FOR A FRANCE FOR THE FETTE FETTE FETTE FETTE FETTE FETTE FETTE FETTE FETTE FET |                     |                    |                 |                |          |          |          |                 |          |          |                          |           |                         | S            | Stefan Staicovici |          |           |          |          |              |           |           |   |                  | 1732       |           |                     |           |              |           |           |           |           |           |  |  |
|          |  |                     |                    |                 |                |          |          |          |                 |          |          |                          |           |                         | _            | - SIGH GIGIOOTIG  |          |           |          |          |              |           |           |   |                  |            |           |                     |           |              |           |           |           |           |           |  |  |
|          |  |                     | 1                  | Rejected        |                |          |          |          |                 | $ \_ $   |          | (Through numer Cancelled |           |                         |              |                   | ral)     | al)       |          | N        | Non-Elected  |           |           | ]                                       |                  | Appeal     |           |                     |           |              |           |           |           |           |           |  |  |
|          |  |                     | ├                  |                 |                |          |          |          | ┝               | ╀        |          |                          | Cancelled |                         |              |                   |          |           | H        |          |              |           |           |   |                  |            |           |                     |           |              |           |           |           |           |           |  |  |
|          |  |                     | =                  | = Allowed       |                |          |          | l        |                 | +        | 1        |                          | R         | Restricted              |              |                   |          |           | 1        | lı       | Interference |           |           |   | 0                | Objected   |           |                     |           |              |           |           |           |           |           |  |  |
| _        | <u> </u>   |                     |                    |                 |                |          |          |          |                 | _        |          | _                        |           | Ciola                   |              |                   |          |           |          |          | <u> </u>     |           | _         |   |                  | )<br>      |           |                     |           |              |           |           |           |           |           |  |  |
|          | Claim  |                     |                    | 228/08<br>44(3C |                |          |          |          | Т               | T        | Т        | Claim                    |           |                         | ╁            |                   |          |           | Dat      | <u> </u> |              |           | М         | -   - <del>C</del> l                    |                  | aim<br>    | Ь         | Date                |           |              |           |           |           |           |           |  |  |
|          | Ē  | Original            | 8                  | 5               | 은              |          |          | l        |                 |          |          | Ì                        | Final     | Original                |              | Ì                 | İ        |           |          |          |              |           | l         |   | Final            | Original   |           |                     |           |              | ١         |           |           |           |           |  |  |
| Ľ,       |  | ŏ                   | ä                  | 5               | b              |          |          |          | L               | L        |          |                          | L         |                         |              |                   |          |           |          |          | i            |           |           |   | 4                | ঠ          |           |                     |           |              |           | ı         |           |           |           |  |  |
| -        | +  | 1 2                 | ÷                  | 7               | V              |          | $\vdash$ | $\vdash$ | ╀               | F        | $\vdash$ | }                        | -         | 51<br>52                | $\vdash$     | L                 | L        |           |          | Е        |              |           | П         |   |                  | 101        | П         | $\dashv$            | 4         | 4            | 7         | 7         |           | $\exists$ | $\exists$ |  |  |
|          | 寸  | 3                   | ·                  | Ž,              | 1              | E        |          |          | 上               | L        | 上        | 1                        |           | 53                      | ፗ            |                   |          |           |          |          |              |           |           |   |                  | 103        |           |                     |           |              | $\pm$     | $\exists$ |           | $\exists$ | ᅥ         |  |  |
| -        | ╅  | 5                   | ÷                  | H               | H              | -        | ┝        | ╁╴       | ╄               | ┝        | ╀        | ┨                        |           | 54<br>55                | ╀            | ┝                 | ├        | ┞         | $\vdash$ | Н        |              | Н         | Н         |   |                  | 104<br>105 | Н         | $\dashv$            | -1        | 4            | 7         | $\dashv$  | _         | $\dashv$  |           |  |  |
|          | $\Box$   | 6                   | ·                  | 덛               | Š              |          |          | I        | 上               | L        | t        | 1                        |           | 56                      |              |                   |          |           |          |          |              |           |           |   |                  | 106        |           |                     | $\exists$ | 1            | 1         | 7         |           |           | Ⅎ         |  |  |
| $\vdash$ | $\dashv$   | 7                   | ÷                  | H               | Н              |          | ┞        | ┞        | ╀               | ╀        | ╀        | ┨                        | -         | 57<br>58                | -            | -                 | -        | L         | L        |          | Н            | Н         |           |   |                  | 107        | П         | $\Box$              | $\dashv$  | $\dashv$     | 4         | $\dashv$  | $\Box$    | $\Box$    | $\Box$    |  |  |
|          | 丰  | 9                   | ·                  |                 | П              |          |          | L        |                 | L        | İ        | 1                        |           | 59                      |              |                   |          |           |          | Ш        | Ш            |           |           |   |                  | 109        | H         |                     | 1         | +            | +         | $\dashv$  | ┪         | $\dashv$  | ┪         |  |  |
| $\vdash$ |  | 10<br>11            | •                  | ₩               | $\mathbb{H}$   | _        | ┡        | ⊢        | ╄               | L        | F        | ┨                        |           | 60<br>61                |              | L                 | L        | L         |          | Ш        |              |           | $\Box$    |   |                  | 110        | П         | $\Box$              | 4         | 7            | 1         | $\Box$    | $\Box$    | $\Box$    | $\exists$ |  |  |
|          | Ī  | 12                  | $\overline{\cdot}$ | 世               | $\Box$         |          |          |          | 上               | L        | İ        | 1                        |           | 62                      | 上            |                   |          |           |          | L        | Н            |           |           |   |                  | 112        | Н         | $\dashv$            | ┪         | +            | +         | +         | $\dashv$  | $\dashv$  | ᅱ         |  |  |
| $\vdash$ |  | 13                  | :                  | Н.              | $\blacksquare$ |          | -        | H        | $\vdash$        | L        | $\vdash$ | 1                        |           | 63<br>64                | F            |                   | F        | L         |          |          |              |           |           |   |                  | 113        |           | $\Box$              | $\exists$ | 7            | 7         | 4         | $\Box$    | $\exists$ | $\exists$ |  |  |
| E        |  | 15                  | •                  |                 | 8              | _        |          |          |                 |          | $\perp$  | 1                        |           | 65                      | H            | -                 | $\vdash$ | H         |          | Н        | Н            |           | Н         |   |                  | 114<br>115 | Н         | $\dashv$            | ┥         | +            | ┪         | ┥         | $\dashv$  | $\dashv$  | $\dashv$  |  |  |
| F        |  | <u>16</u><br>17     | $\cdot$            | ב               | İζ             |          |          |          | L               | L        | F        | 1                        |           | 66<br>67                |              |                   |          |           | Ш        |          |              |           | $\Box$    |   |                  | 116        |           | $\Box$              | コ         | 1            | 1         | コ         | コ         |           | コ         |  |  |
|          | 1  | 18                  |                    |                 |                |          |          | $\vdash$ | $\vdash$        |          | ╁        | 1                        |           | 68                      | ┢            | ┢                 | ┝        | $\vdash$  | $\vdash$ | Н        | Н            |           | Н         |   |                  | 117<br>118 | Н         | +                   | ┥         | +            | ┥         | +         | ┥         | +         | ᅱ         |  |  |
| F        |  | 19<br>20            |                    |                 |                |          |          | Г        |                 |          | Γ        | 1                        |           | 69                      |              |                   |          |           |          |          |              |           |           |   |                  | 119        |           | コ                   | コ         | #            | 1         |           | コ         | 二         | ╛         |  |  |
| $\vdash$ |  | 21                  |                    | Н               | Н              |          |          | t        | $\vdash$        | ╁        | ╁╴       | ┨                        | -         | 70<br>71                | ┝            | ┝                 | H        | H         | Н        | Н        | Н            | -         | Н         | 1                                       |                  | 120<br>121 | Н         | ┥                   | $\dashv$  | ╬            | +         | +         | -         | +         | 4         |  |  |
| F        |  | 22<br>23            |                    | П               |                |          |          |          | F               |          |          | 1                        |           | 72                      |              |                   |          |           |          |          |              |           |           | Ì                                       |                  | 122        | Ħ         | $\exists$           | コ         | 士            | 1         | ⇉         |           |           | ╛         |  |  |
| $\vdash$ |  | <del>23</del><br>24 | Н                  | Н               | Н              | Н        | $\vdash$ | ╁╌       | ┢               | ┢        | ╁        | 1                        | ┝         | 73<br>74                | ╁            | $\vdash$          | $\vdash$ | $\vdash$  | Н        | Н        | $\dashv$     | $\dashv$  |           |   |                  | 123<br>124 | H         | $\dashv$            | $\dashv$  | +            | +         | 4         | -         | $\dashv$  | $\dashv$  |  |  |
|          |  | 25<br>26            |                    |                 |                |          |          | L        | F               | _        |          | 1                        |           | 75                      |              |                   |          |           |          |          |              |           |           | Ì                                       |                  | 125        |           | コ                   | #         | $\downarrow$ | 1         | コ         | コ         | ⇉         | コ         |  |  |
| -        | $\dashv$   | 26<br>27            | Н                  | Н               | $\dashv$       | -        | H        | ┢        | +-              | ┝        | ╁╴       | ł                        | }         | 76<br>77                | ╁            | ├                 | $\vdash$ | Н         | Н        | Н        | $\dashv$     | _         | _         |   |                  | 126<br>127 | Н         | $\dashv$            | +         | +            | +         | +         | $\dashv$  | +         |           |  |  |
|          |  | 28                  | П                  |                 | $\Box$         |          |          |          |                 |          |          | 1                        |           | 78                      |              |                   |          | П         |          |          |              |           |           |   |                  | 128        |           |                     |           | 土            | 1         | ╛         | 寸         | 士         | ╛         |  |  |
| $\vdash$ |  | 29<br>30            | Н                  | -               | $\dashv$       | -        | H        | ┝        | H               | ┝        | ╀        | ł                        | -         | 79<br>80                | ┝            | ┝                 | -        | Н         | Н        | Н        | Н            | $\dashv$  | Н         |   |                  | 129<br>130 | Н         | $\dashv$            | +         | +            | +         | 4         | $\dashv$  | -         | 4         |  |  |
| F        |  | 31                  | П                  |                 | $\Box$         |          |          |          |                 |          | I        | 1                        |           | 81                      |              |                   |          | П         | П        |          |              |           |           |   |                  | 131        |           | $\rightrightarrows$ |           | 1            | 1         | 1         | ╛         | 士         |           |  |  |
| $\vdash$ |  | 32<br>33            | Н                  | -               | $\dashv$       | -        | Н        | ┢        | ┝               | ┝        | H        | ┨                        | -         | 82<br>83                | ┢            | ┝                 | H        | Н         | Н        |          | $\dashv$     | $\dashv$  | $\dashv$  |   | -                | 132<br>133 | Н         | $\dashv$            | +         | +            | +         | 4         | $\dashv$  | 4         | 4         |  |  |
|          |  | 34                  |                    |                 |                |          |          |          |                 |          |          | 1                        |           | 84                      |              |                   |          |           |          |          |              | $\exists$ |           |   |                  | 134        |           | _                   | 1         | $\perp$      | 1         | 1         |           | $\exists$ | ╛         |  |  |
| -        |  | 35<br>36            | Н                  |                 | $\dashv$       | $\dashv$ | $\vdash$ | ⊢        | $\vdash$        | ├        | ╁        | 1                        | ┝         | 85<br>86                | ⊢            | <del> </del>      | $\vdash$ | Н         | Н        | Н        | -            | $\dashv$  | $\dashv$  |   |                  | 135<br>136 | Н         | 4                   | 4         | 4            | 4         | 4         | $\dashv$  |           | 7         |  |  |
|          |  | 37                  |                    |                 | $\Box$         |          |          | L        |                 |          | 匚        | 1                        | 二         | 87                      |              |                   |          |           |          |          |              |           |           | l                                       |                  | 137        | Ħ         | $\exists$           | $\pm$     | 士            | $\pm$     | 1         | 1         | _         | $\exists$ |  |  |
| $\vdash$ |  | 38<br>39            | Н                  | Н               | -              | _        | Н        | ┝        | $\vdash$        | ├        | ⊢        | 1                        | ├         | 88<br>89                | ┝            | ⊢                 | Ι-,      | Н         | Н        | Н        | -            | $\dashv$  | $\dashv$  | ŀ                                       |                  | 138<br>139 | Н         | 4                   | $\dashv$  | 4            | 4         | 4         | 4         | 4         | 4         |  |  |
|          | $\Box$   | 40                  |                    |                 | $\Box$         |          |          |          |                 |          |          | 1                        |           | 90                      |              |                   |          |           |          |          |              |           |           | ı                                       |                  | 140        | $\Box$    | 7                   | _         | $\pm$        | +         | +         | $\exists$ | +         | Ⅎ         |  |  |
| $\vdash$ |  | 41<br>42            | _                  |                 | -              | _        | Н        | ├        | <del> -</del> - | -        | ┝        | 1                        | <u> </u>  | 91<br>92                | L            | _                 |          |           |          |          | $\Box$       | $\dashv$  |           |   |                  | 141        | П         | 4                   | 7         | 1            | 7         | 4         | $\Box$    | $\Box$    | $\Box$    |  |  |
|          | 1  | 43                  | П                  |                 | $\sqsupset$    |          |          |          |                 |          |          | 1                        |           | 93                      |              |                   |          |           |          |          |              |           | ᅥ         | ł                                       |                  | 143        | $\exists$ | $\exists$           | +         | +            | +         | +         | $\dashv$  | $\dashv$  | ᅥ         |  |  |
| -        |  | 44 45               | H                  | $\dashv$        |                | 닉        | Н        | $\vdash$ | $\vdash$        | $\vdash$ | +        | 1                        |           | 94<br>95                | <del> </del> | H                 | Н        | Н         |          | -        | $\neg$       | 4         | $\dashv$  | ſ                                       | =                | 144<br>145 | $\Box$    | $\dashv$            | 7         | 7            | 7         | 7         | コ         | コ         | コ         |  |  |
|          |  | 46                  |                    |                 | $\sqsupset$    |          |          |          |                 |          | 匚        | 1                        |           | 98                      |              |                   |          | $\exists$ |          |          |              | ╛         | $\exists$ | ł                                       |                  | 146        | H         | 寸                   | +         | +            | $\dagger$ | +         | +         | ┰         | $\dashv$  |  |  |
| $\vdash$ |  | 47<br>48            | Н                  | $\dashv$        | $\dashv$       | $\dashv$ | Н        | $\vdash$ | -               | $\vdash$ | $\vdash$ | 1                        |           | 97<br>98                | ╀╴           |                   | Н        | $\vdash$  |          |          | 4            | $\neg$    | $\dashv$  | ſ                                       |                  | 147<br>148 | $\Box$    | 7                   | 4         | 7.           | 7         | 7         | 7         | 4         | $\exists$ |  |  |
|          | 1  | 49                  | 口                  | $\exists$       | コ              | コ        |          | 匚        |                 |          | 匚        | 1                        |           | 99                      |              |                   |          |           |          |          |              |           |           | ł                                       |                  | 149        | Ħ         |                     | $\exists$ | $\pm$        | $\pm$     | 1         | $\exists$ | $\dashv$  | $\dashv$  |  |  |
| L        |  | 50                  |                    | _               | _1             |          | Ш        | L_       | L_              | <u> </u> |          | j                        | L         | 100                     | L_           | L_                | Ш        |           |          | _]       | J            |           |           |   |                  | 150        |           | I.                  | $\Box$    | $\Box$       | $\perp$   | $\Box$    |           | $\Box$    |           |  |  |
|          |  |                     |                    |                 |                |          |          |          |                 |          |          |                          |           |                         |              |                   |          |           |          |          |              |           |           |   |                  |            |           |                     |           |              |           |           |           |           |           |  |  |